



# Certificate of Analysis

**TCLP Mercury Standard**  
**Mercury Standard at 20 µg/mL**

**Catalog Number: ICM-642**  
**Lot Number: R00532**  
**Job Number: J00016409**  
**Lot Issue Date: 05/30/2013**  
**Expiration Date: 06/30/2016**

This Certified Reference Material (CRM) was manufactured and verified in accordance with ULTRA's ISO 9001 registered quality system. The analyte concentration(s) were prepared and verified by an ISO Guide 34 / ISO 17025 accredited laboratory, and compared to calibration standards independently prepared using NIST SRM(s). The certified value and uncertainty value at the 95% confidence level for each analyte is determined gravimetrically.

| Analyte  | True Value         | Analytical Method | NIST SRM |
|----------|--------------------|-------------------|----------|
| *mercury | 20.00 ± 0.10 µg/mL | ICP / ICP-MS      | 3113     |

**Matrix:** 2% nitric acid in low TOC water (< 50 ppb)

*\* light sensitive*

ULTRA uses purified acids, 18 megaohm double deionized water, calibrated Class A glassware, and meticulously cleaned bottles in the manufacturing of ULTRA grade standards. Balances used in the manufacturing of this standard are calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z-540-1 and ISO 9001.



ISO 17025:2005  
Accredited  
A2LA  
Cert. No. 0851.01

ISO 9001:2000  
Registered  
TUV USA, Inc.  
Cert. No. 06-1004

  
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